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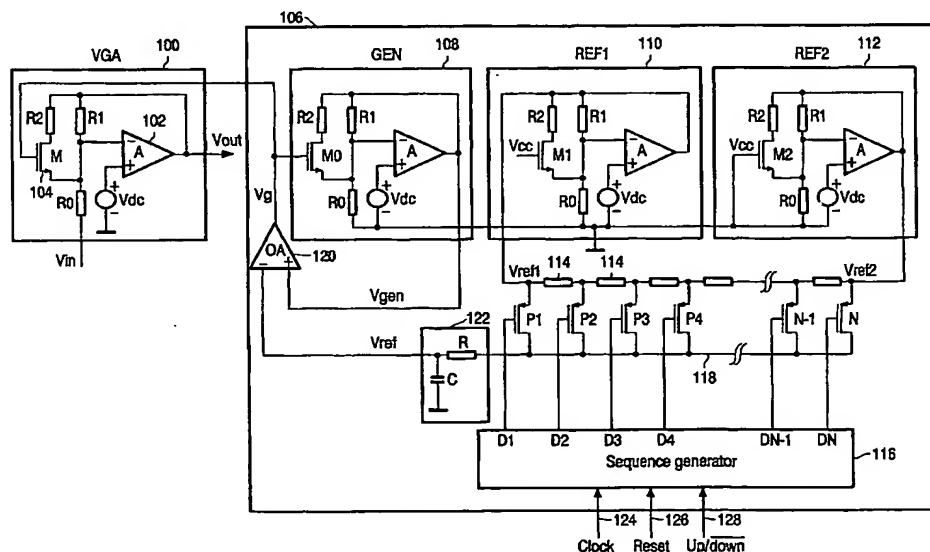
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[Continued on next page]

- (54) Title:** A METHOD OF CONTROLLING A VARIABLE GAIN AMPLIFIER AND ELECTRONIC CIRCUIT



- (57) Abstract:** The present invention relates to a method of controlling a variable gain amplifier having at least one semiconductor switch, the amplifier having a first gain when the semiconductor switch is in a first steady state and a first gate voltage is applied to the semiconductor switch, and the amplifier having a second gain when the semiconductor switch is in a second steady state and a second gate voltage is applied to the semiconductor switch, whereby a sequence of third gate voltages is applied to the semiconductor switch to transition between the first and second gains.



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